received for allocating of Naptha for 3434 MW projects being identified in the state under private sector; and

(b) by when, Government will be able to meet the entire requirement of the Naptha for the power stations in the state?

THE MINISTER OF POWER (SHRI R. KUMARAMANGALAM): (a) and (b) In order to meet the energy shortage in the short run a liquid fuel based power capacity of 12,000 MW has been planned for the whole country. Out of this, Rajasthan was allotted a share of 141S MW and based upon the State Government's reconmiendations, liquid fiiel linkages have already been issued to various projects. As per the revised liquid fuel policy, cecently announced, the existing ceilings would apply only to neptha and states would be free to contract for new power projects based on FO and non traditional fuels like condensate and orimulsion.

Thermal Hydro Ratio in Power Generation

3136. SHRI NILOTPAL BASU: Will the Minister of POWER be pleased to state:

(a) the present Thermal hydro ratio in power generation in the country;

(b) the steps taken to improve and promote hydro-power generation;

(c) the new hydro power projects in the pipeline with capacity and expected date of comnfissioning; and

(d) the envisaged thermal hydro ratio after IXth Plan?

THE MINISTER OF POWER (SHRI R. KUMARAMANGALAM): (a) As per the installed capacity as on 31.3.1998 share of hydro as percentage of the total installed capacity works out to 24.8%.

(b) Government has taken several measures for accelerating the growth of hydro power development. These include higher budgetary support to Central Public Sector Undertakings like National Hydroelectric Power Corporation Ltd. (NHPC). North Eastern Electric Power Corporation (NEEPCO) and Tehri Hydro Development Corporation (THDC), advance action for new hydel projects, liberalised policy to attract private sector participation and action plan for hydro power development in North Eastern Region. Government had also appointed Sambamurti Committee in August 1996 to examine the issues which have retarded development of the hydro projects and suggest measures for their development. The Committee in its report submitted to the government has offered various suggestions for accelerating hydro power development which have been examined and incorporated in the draft National Hydro Power Policy presently under finalisation.

(c) At present 61 sanctioned hydroelectric projects are available for execution. Details of these projects indicating the capacity and expected date of commissioning are indicated in the enclosed Statement. (See below)

(d) The envisaged thermal (including nuclear)—hydro ratio after 9th Plan is 75:25.

Statement

Status of Sanctioned H.E. Projects
Status as on 01.07.98

SI. No.	Name of Project/ State	Expected date of
	Installed Capacity (MW)	Commissioning
CENTRAL		
1.	Naptha Jhakri (NJPC) H.Py6x25	2001-02
2.	Dulhasti (NHPC) J&K/3X130 (Bilateral)	2001-02
3.	Tehri St. I (THDC) U.Py4x250	2001-02
4.	Dhauliganga-I (NHPC) U.P./4X70	2004-05

SI. No.	Name of Project/ State Installed Capacity (MW)	Expected date of Commissioning
5.	koel Karo (NHPC) Bihar/ 4x172.5+1x20	7 Years from date of start
6.	Rangit-III (NHPC) Sikkim/) X 20	1999-2000
7.	Doyang (NEEPCO) Nagaland/3x2S	1998-2000
8.	Ranganadi (NEEPCO) AT. Pdy3xl35	1999-2001
	STATE SECTOR NORTHERN REGION	
9.	Ghanvi H.P./2X11.25	1999-2000
10.	Uhl-III H.Py4xl7.5	Beyond 9th Plan
11.	Larji H.Py3x42	Beyond 9th Plan
12.	Upper Sindh-II J&K/2X35	1998-2000
12(a)	. Upper Sindh Extn. J&K/1X35	1999-2000
13.	Islianganga J&K/3X110	Beyond 9th Plan
14.	Sewa St. Ill J&K/3X3	1998-99 (Criticaj)
15.	Chennai St. Ill J&K/3X2.5	1998-99 (Critical)
16.	Ranjit- Sagar Punjab/4xl50	1998-2000
17.	Shahpurkandi Punjab/ 2x40+2x40+1x8	Beyond 9th Plan
18.	Sobia U.Py2x3	1998-99
19.	Lakliwar Vyasi U.P./3X 100+2x60	Beyond 9th Plan
20.	Maneri Bhali-II U.P./4X76	9th Plan
21.	Jakham Rajasthan/2x2.5	Beyond 9th Plan

SI. No.	Name of Project/ State Installed Capacity (MW)	Expected date of Commissioning
	WESTEkN REGION	
22.	Sardar Sarovar Guj/M.P./Mah. (6x200+5x50) (Joint project of Guju./M.P./ Mah. in ration of 16:57:27)	1999-2002 [CHPH: All 5 Units RBPH: 4 Units in 9th Plan]
23.	Bansagar Tons PH. I, II & III M,P./ 3x105+2x15+3x20	2000-02
24.	Bansagar Tons PH IV M.P./2X10	2001-02
25.	Indira Sagar , (Narmada Sagar) M.P./8X125	2001-02 (2 units in 2001-02 and balance in 10th Plan)
26.	Rajaghat U.P./M.Py3xl5 ratio of 50 : 50	1999-2000
27.	Koyna St. IV Mah 74x250	1999-2001
28.	Dudhaganga Mah./2xl2	1998-2000
29.	Ghatghar PSS Mah ./2x 125	2002-03
	SOUTHERN REGION	
30.	Srisailam LBPH A.P./6X150	1999-2002
31.	Singur A.P./2X7.5	1998-2000
32.	A.P. Power House at Balimela A.P./2X30	10th Flan
33.	Kahnadi St. II Ktk./3x40+3x50	1997-2000
34.	Brindavan Ktli./2x6	10th Plan
35.	Sharavathi T.R. Ktk.74x60	2000-02
36.	Malankara (Muvathupuzha) Ketyax3.5	2001-02

SI. No.	Name of ftroject/ State Installed Capacity (MW)	Expected date of Commissioning
37.	Kakkad Ker./2x25	1999-2000
38.	Kuttiyadi Tail Race Ker/3xl.25 MW)	: 2000-01
39.	Poringalkuthu LB Ext. Ker./lxl6	1998-99
40.	Kuttiyadi Extn. Ker/lx50 MW	2000-01
41.	Sathanur Dam T.N./1X7.5	1998-99
42.	Parson's Valley (Kundah-V Extn.) T.Nyix30	1999-2000
43.	Pykara Ultimate St. T.N./3X50	1999-2001
EASTERN REGION		
44.	Chandil Bihar/2 X 4	1999-2000
45.	North Koel Bihar/2 X12	1999-2000
46.	Upper Indravati Orissa/4 X150	1999-2000
47.	Potteru Orissa/lx3+lx3	1998-99
48.	Balimela Extn. Orissa/2 x 75	9th Plan
49.	Teesta Falls Mil W.B./3x3x7.5	1999-2000
50.	Ramman St. I W.B./3X12	10th Plan
51.	Purulia PSS W.B 74x225	2002-04
52.	Kalpong ' A&N/5.2	10th Plan
NORTH-EASTERN REGION		
53.	Karbi Langoi [Lower Borpani] Assam/2 X 50	10th Plan
54.	Dhansiri Assam/5 X 3x1x33	10th Plan
55.	Rolep-I Sikkim/2x3	10th Plan

SI. No.	Name of Project/ State Installed Capacity (MW)	Expected date of Commissioning
56.	Likim Ro NagalanciGxS	2000-01
PRIVATE SECTOR		
57.	Baspa St. II H.pysxioo	Beyond 9th Plan
58.	Vishnu Prayag U.P./4X100	Beyond 9th Plan
59.	Sriiiagiii U.P./5X66	Beyond 9th Plan
60.	Maheshwar M.Pyi0x40	200i'02
61.	Bhivpuri PSS Mah.71x90	9th Plan

Estabiishqwnt of Central and State ERCS

3137. SHRI S.M. KRISHNA: Will the Minister of POWER be pleased to state:

(a) whether Government have chalked out a major policy package designed to speed up investment in power sector;

(b) if so, the details thereof; and

(c) by when Government propose to enact laws to establish Central Electric Regulatory Commission and State Electricity Regulatory Commission?

THE MINISTER OF POWER (SHRI R. KUMARAMANGALAM): (a) and (b) The government have taken a number of initiatives to boost private investment in the power sector. The initiatives taken and underway include liberalising the scope of automatic approval for foreign direct investment, simplification of procedure for issue of counter guarantee, improving the procedures for competitive bidding, credit enhancement of SEBs by encouraging reforms and modifications in the policy on the use of liquid fuels for power generation.

(c) The Electricity Regulatory Commission Act need of 1998) enables the